



Application No. 10/696,268
Paper Dated March 18, 2004
Attorney Docket No. 4084-032129

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 10/696,268 Confirmation No. 6488
Applicant : Sang-Nyun Kim, et al.
Filed : October 29, 2003
Title : Use of 3-Position Cyclosporin Derivatives for Hair Growth
Group Art Unit : 1646
Examiner : Not Yet Assigned
Customer No. : 28289

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to the requirements of 37 C.F.R. §§1.56, 1.97 and 1.98, Applicants submit this Information Disclosure Statement together with a completed Form PTO/SB/08A and copies of the listed references.

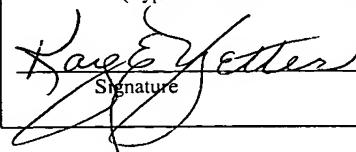
The above-identified Patent Application is a continuation-in-part of parent United States Patent Application Serial No. 10/141,723, filed May 9, 2002.

Japanese Patent Publication Nos. 60-243008, 62-19512 and 62-19513, European Patent No. 0414632, British Patent No. 2,218,334, WO 93/17039, United States Patent No. 5,807,820 and the first 8 articles listed in the "Other Prior Art" section of Form PTO/SB/08A were submitted with Applicants' Information Disclosure Statement in parent Application Serial No. 10/141,723.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on March 18, 2004.

Kay E. Yetter

(Typed Name of Person Mailing Paper)


Signature
03/18/04
Date



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The following references were cited by the Examiner during the prosecution of parent Application Serial No. 10/141,723: United States Patent Nos. 4,771,122; 5,948,884; 5,994,299; and 6,521,595; United States Patent Application No. 2001/0025025 and 2002/0165133 and Seebach et al., "Modification of Cyclosporin A."

The remaining references identified on Form PTO/SB/08A are known to the Applicants.

Because this Information Disclosure Statement is being submitted before a first Office Action on the merits, it is timely under 37 C.F.R. § 1.97(b)(3) and no fee is required. The Commissioner of Patents and Trademarks is hereby authorized to charge any additional fees which may be required to Deposit Account No. 23-0650. One (1) original and two (2) copies of this Information Disclosure Statement are enclosed.

Respectfully submitted,

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Substitute for form 1449A/PTC

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 2

Complete if Known	
Application Number	10/696,268
Filing Date	October 29, 2003
First Named Inventor	Sang Nyun KIM et al.
Group Art Unit	1646
Examiner Name	Not Yet Assigned
Attorney Docket Number	4084-032129

FOREIGN PATENT DOCUMENTS							
Examiner Initials	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	
		Office ³	Number ⁴				
		WO	93/17039	A1	Wenger	09/02/1993	
		WO	00/51558	A1	Procter & Gamble	09/2000	
		WO	01/35913	A1	LG Chemical Co. Ltd.	05/25/2001	
		GB	2 218 334	A	Elias	11/15/1989	
		EP	0 414 632	B1	Eberle	10/23/1996	
		JP (1987)	62-019513	A	Yoshiharu	01/28/1987	Abstract
		JP (1987)	62-019512	A	Yoshiharu	01/28/1987	Abstract
		JP (1985)	60-243008	A	Kanjiro	12/03/1985	Abstract

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Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <small>(use as many sheets as necessary)</small>				Application Number	10/696,268
				Filing Date	October 29, 2003
				First Named Inventor	Sang Nyun KIM et al.
				Group Art Unit	1646
				Examiner Name	Not Yet Assigned
Sheet	2	of	2	Attorney Docket Number	4084-032129

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, cite and/or country where published.
		MAURER et al., "Hair Growth Modulation by Topical Immunophilin Ligands," <u>American Journal of Pathology</u> , 1997, pp. 1433-41, Vol. 150, No. 4.
		EBERLE et al., "Cyclosporin A: Regioselective Ring Opening and Fragmentation Reactions via Thioamides. A Route to Semisynthetic Cyclosporins," <u>J. Org. Chem.</u> , 1994, pp. 7249-7258, Vol. 59, No. 24.
		LUTZ, "Effects of Cyclosporin A on Hair," <u>Skin Pharmacol.</u> , 1994, pp. 101-4, Vol. 7.
		EBERLE et al., "Preparation of [D-Cysteine]-cyclosporin via Intramolecular Sulfur Transfer Reaction," <u>J. Org. Chem.</u> , 1993, pp. 673-677, Vol. 58, No. 3.
		SEEBACH et al., "Thiocyclosporins: Preparation, Solution and Crystal Structure, and Immunosuppressive Activity," <u>Helv. Chim. Acta</u> , 1991, pp. 1953-1990, Vol. 74.
		GILHAR et al., "Topical cyclosporine in male pattern alopecia," <u>J. Am. Acad. Dermatol.</u> , 1990, pp. 251-3, Vol. 22, No. 2.
		GUPTA et al., "Oral cyclosporine for the treatment of alopecia areata," <u>J. Am. Acad. Dermatol.</u> , 1990, pp. 242-50, Vol. 22, No. 2.
		VON TRABER et al., "Novel Cyclosporins from <i>Tolypocladium inflatum</i> . The Cyclosporins K-Z," <u>Helv. Chim. Acta</u> , 1987, pp. 13-36, Vol. 70.
		YAMAMOTO et al., "Hair Growth-Stimulating Effects of Cyclosporin A and FK506, Potent Immunosuppressants," <u>Journal of Dermatological Science</u> 7 (Suppl.), 1994, pp. 547-554.
		BOREL et al., "In Vivo Pharmacological Effects of Ciclosporin and Some Analogues," <u>Advances in Pharmacology</u> , Vol. 35, pp. 115-246, 1996, Exhibit A.
		PAUS et al., "Hair Growth Control by Immunosuppression," <u>Arch. Dermatol. Res.</u> (1996) 288:408-410 (see in particular Table 1) (Exhibit B)

Examiner Signature		Date Considered	
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